



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## \*BIBDATASHEET\*

CONFIRMATION NO. 4677

Bib Data Sheet

SERIAL NUMBER 10/628,480	FILING DATE 07/29/2003  RULE	CLASS 418	GROUP ART UNIT 3748	ATTORNEY DOCKET NO. 2018-758
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------

APPLICANTS

Masao Kano, Gamagori-city, JAPAN;  
 Yoshichika Yamada, Kuwana-gun, JAPAN;  
 Mitsuyuki Kobayashi, Gamagori-city, JAPAN;

\*\* CONTINUING DATA \*\*\*\*\*  
 NONE TT

\*\* FOREIGN APPLICATIONS \*\*\*\*\*  
 JAPAN 2002-219578 07/29/2002  
 YES TT

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 10/30/2003

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged <i>[Signature]</i> Initials <i>TT</i>	STATE OR COUNTRY JAPAN	SHEETS DRAWING 7	TOTAL CLAIMS 13	INDEPENDENT CLAIMS 2
--	------------------------------	------------------------	-----------------------	----------------------------

ADDRESS  
 23117  
 NIXON & VANDERHYE, PC  
 1100 N GLEBE ROAD  
 8TH FLOOR  
 ARLINGTON, VA  
 22201-4714

TITLE  
 Vane pump having volume variable pump chambers communicatable with inlet and outlet

FILING FEE  RECEIVED 750	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---